

Data File : VV008589.D
Acq On : 16 Nov 2018 18:45
Operator : SY/MD
Sample : J5987-01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COL26

Quant Time: Nov 17 04:48:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 04:38:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	143812	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	127839	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54944	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31745	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.59	69	26504	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.14	63	48369	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	3.96	46	120005	52.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.00%
24) Chloroform-d	4.41	84	83915	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.09	65	46343	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.10	84	173673	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.12	67	56403	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.36	98	158052	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	7.67	79	19732	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.14	63	95529	51.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.84%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	37290	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	52952	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

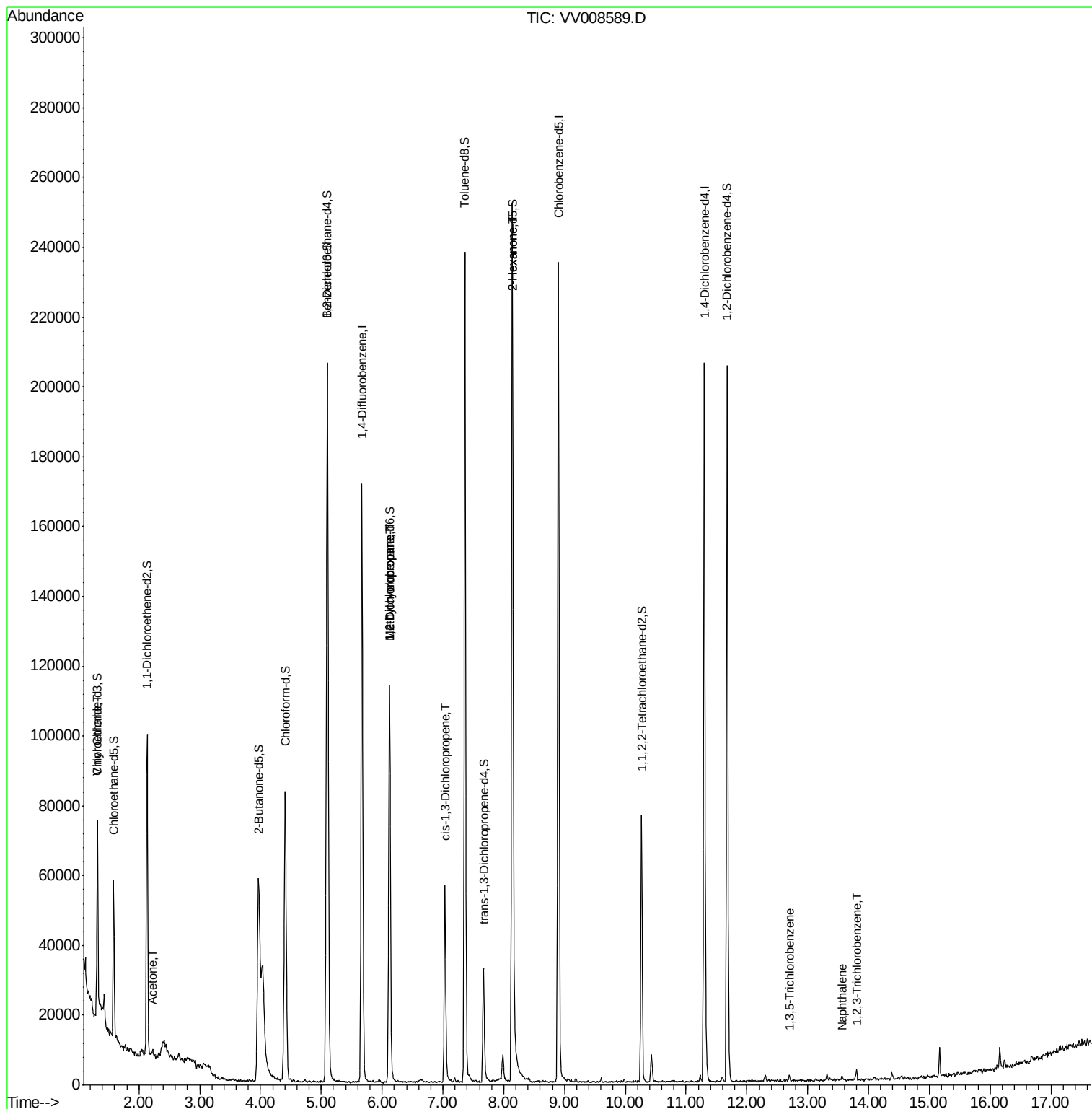
					Qvalue
8) Chloroethane	1.32	64	802	0.151 ug/L	95
13) Acetone	2.22	43	2193	1.840 ug/L	81
35) Methylcyclohexane	6.12	83	13565	0.748 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	5972	0.561 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1366	0.095 ug/L	85
48) 2-Hexanone	8.14	43	11570	2.749 ug/L #	73
67) 1,3,5-Trichlorobenzene	12.69	180	704	0.054 ug/L #	88
69) Naphthalene	13.56	128	1471	0.087 ug/L	97
70) 1,2,3-Trichlorobenzene	13.80	180	531	0.055 ug/L #	91

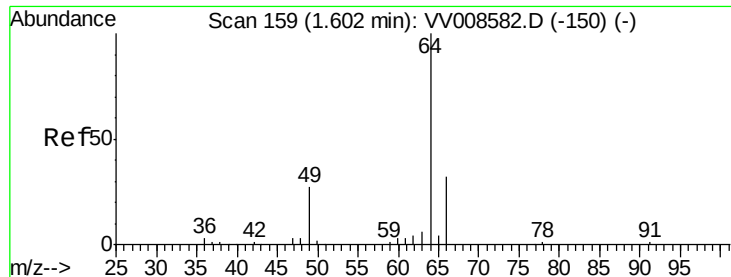
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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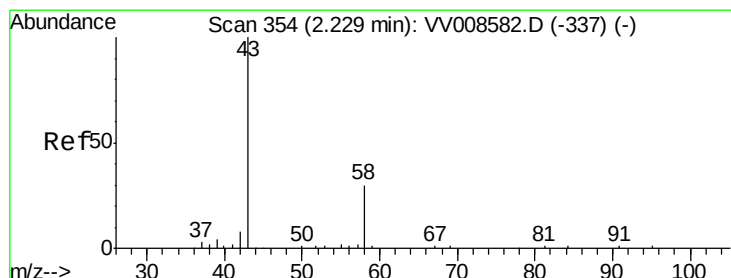
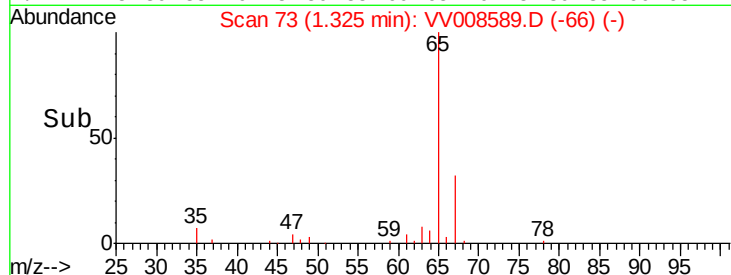
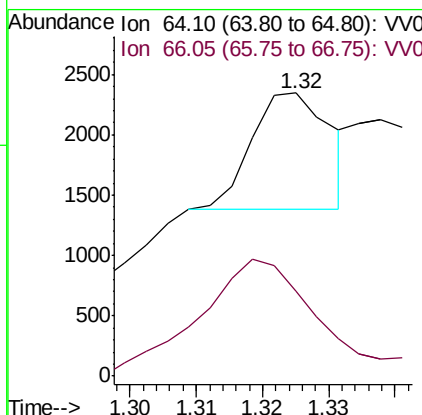
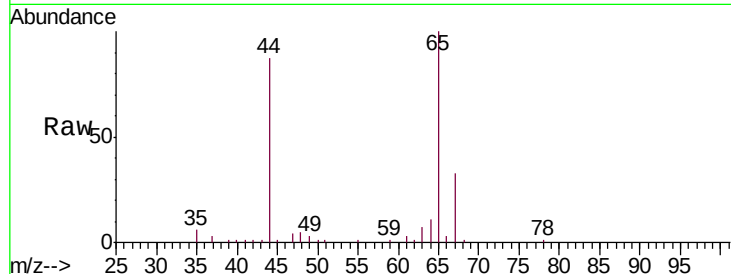




#8
 Chloroethane
 Concen: 0.151 ug/L
 RT: 1.32 min Scan# 73
 Delta R.T. -0.28 min
 Lab File: VV008589.D
 Acq: 16 Nov 2018 18:45

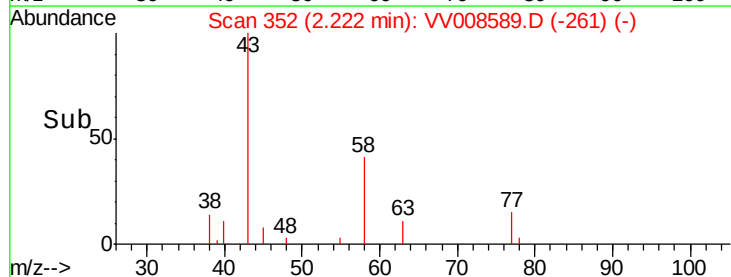
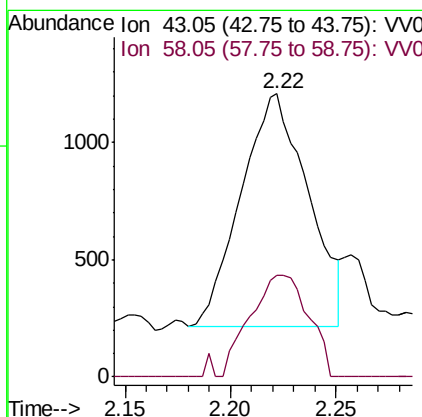
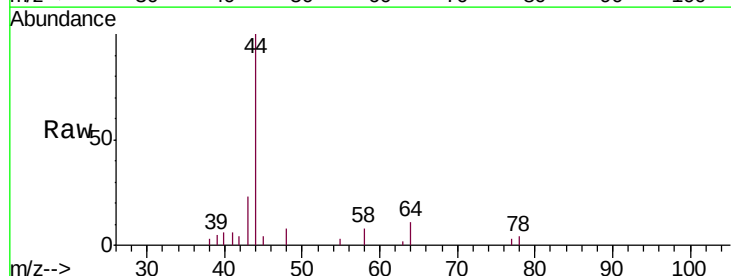
Instrument :
 MSVOA_V
 ClientSampled :
 COL26

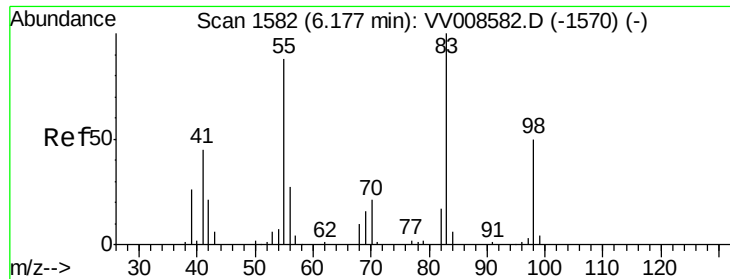
Tgt Ion: 64 Resp: 802
 Ion Ratio Lower Upper
 64 100
 66 30.0 22.7 42.3



#13
 Acetone
 Concen: 1.840 ug/L
 RT: 2.22 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VV008589.D
 Acq: 16 Nov 2018 18:45

Tgt Ion: 43 Resp: 2193
 Ion Ratio Lower Upper
 43 100
 58 38.3 0.0 56.4

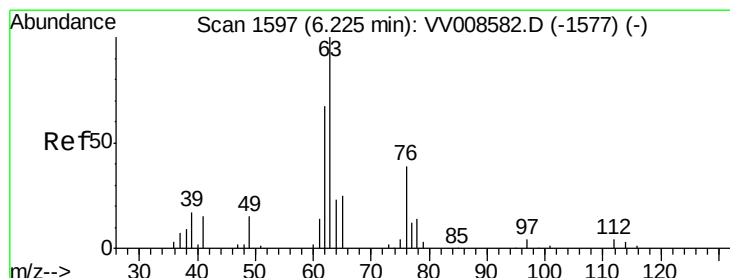
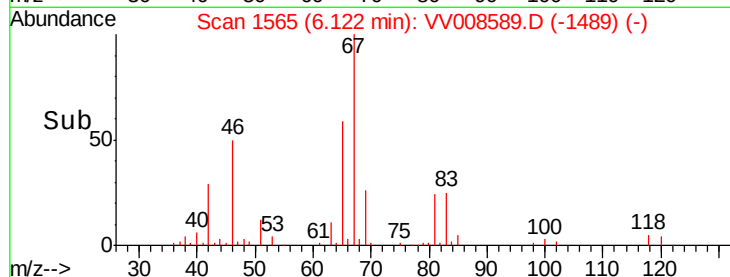
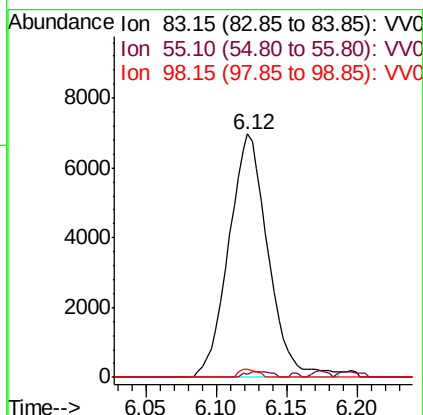
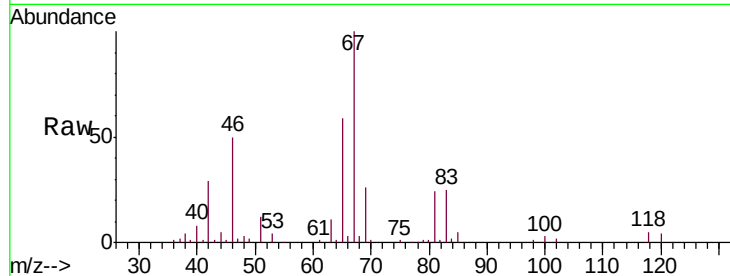




#35
Methylcyclohexane
Concen: 0.748 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008589.D
Acq: 16 Nov 2018 18:45

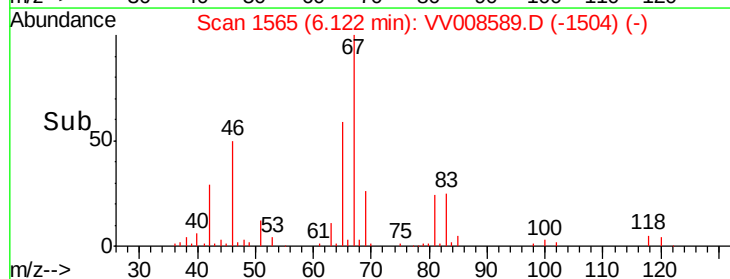
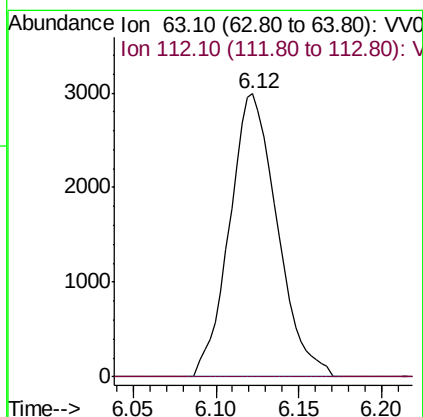
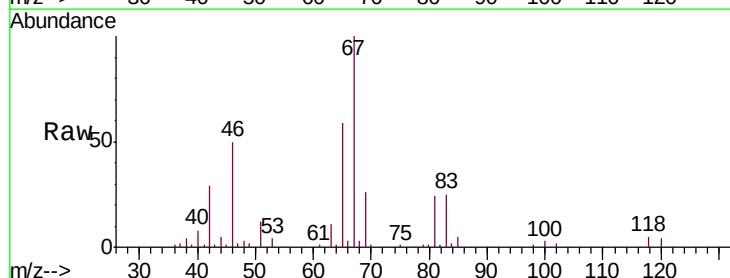
Instrument :
MSVOA_V
ClientSampled :
COL26

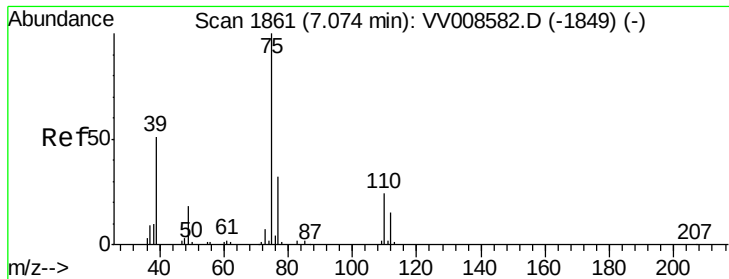
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.5	65.6	98.4#
98	1.5	36.4	54.6#



#37
1,2-Dichloropropane
Concen: 0.561 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008589.D
Acq: 16 Nov 2018 18:45

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.8	4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008589.D

Acq: 16 Nov 2018 18:45

Instrument :

MSVOA_V

ClientSampleId :

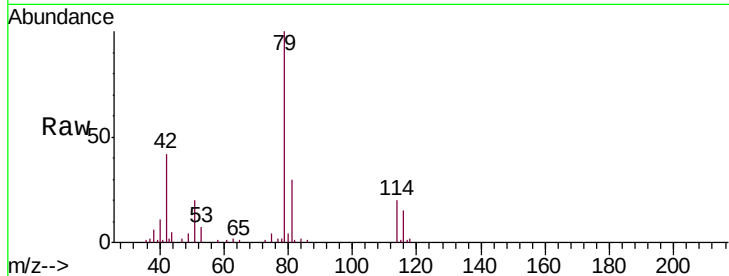
COL26

Tgt Ion: 75 Resp: 1366

Ion Ratio Lower Upper

75 100

77 41.6 23.0 42.8



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.03

800

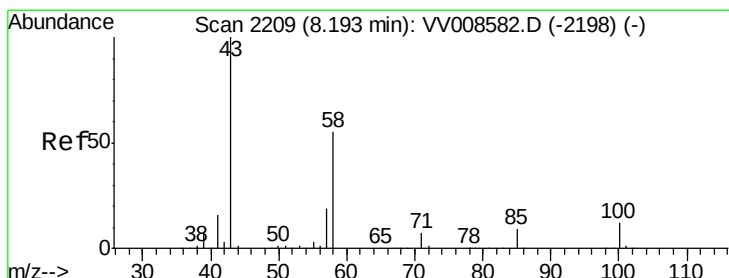
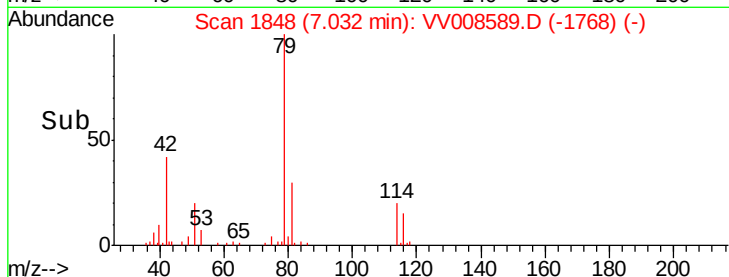
600

400

200

0

Time-->



#48

2-Hexanone

Concen: 2.749 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV008589.D

Acq: 16 Nov 2018 18:45

Tgt Ion: 43 Resp: 11570

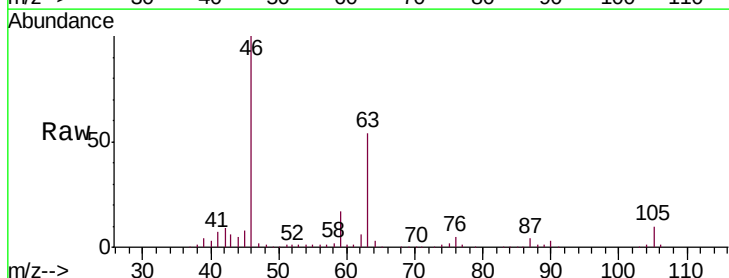
Ion Ratio Lower Upper

43 100

58 28.8 41.8 62.8#

57 22.7 15.4 23.0

100 0.0 8.7 13.1#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

8000

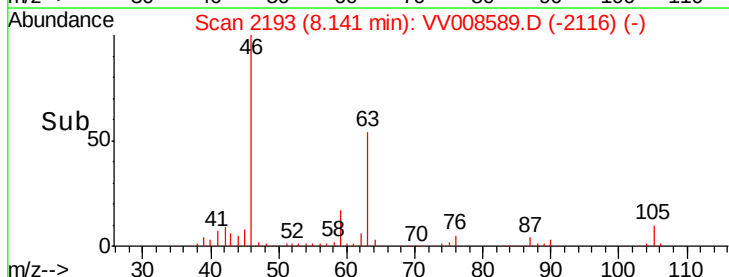
6000

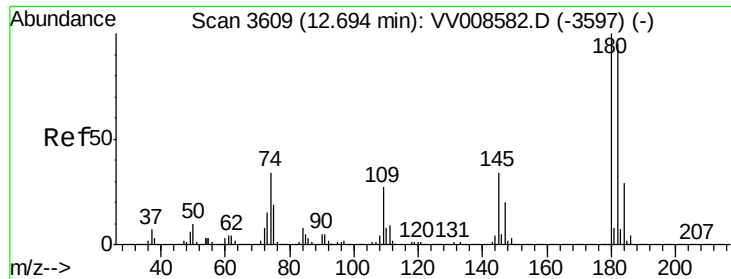
4000

2000

0

Time-->





#67

1,3,5-Trichlorobenzene

Concen: 0.054 ug/L

RT: 12.69 min Scan# 3608

Delta R.T. -0.00 min

Lab File: VV008589.D

Acq: 16 Nov 2018 18:45

Instrument :

MSVOA_V

ClientSampleId :

COL26

Tgt Ion:180 Resp: 704

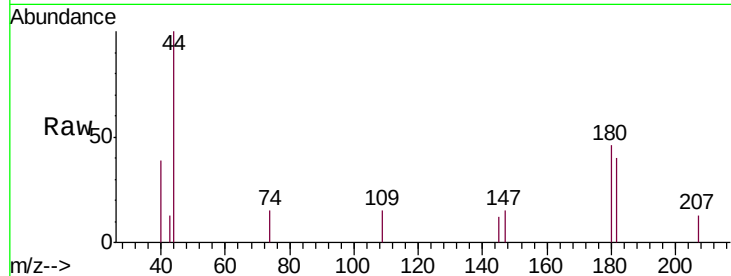
Ion Ratio Lower Upper

180 100

182 97.0 75.9 113.9

184 11.4 23.9 35.9#

145 22.3 26.8 40.2#

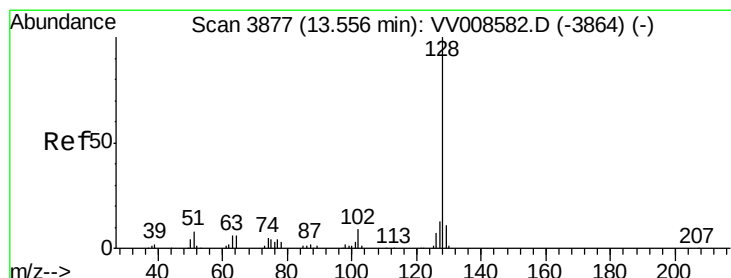
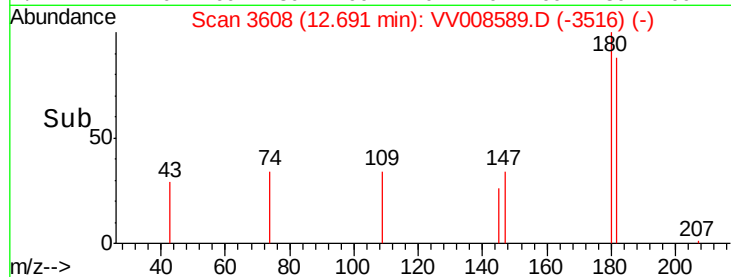
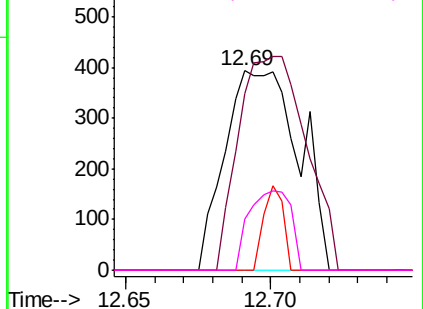


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#69

Naphthalene

Concen: 0.087 ug/L

RT: 13.56 min Scan# 3879

Delta R.T. 0.01 min

Lab File: VV008589.D

Acq: 16 Nov 2018 18:45

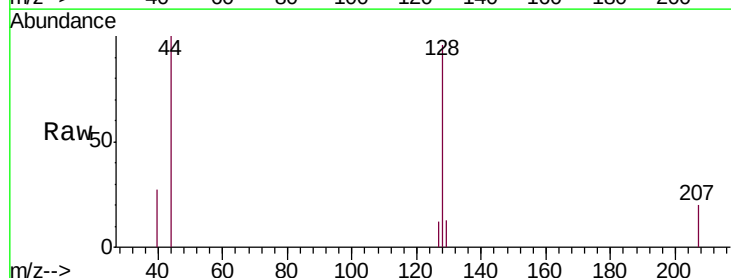
Tgt Ion:128 Resp: 1471

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

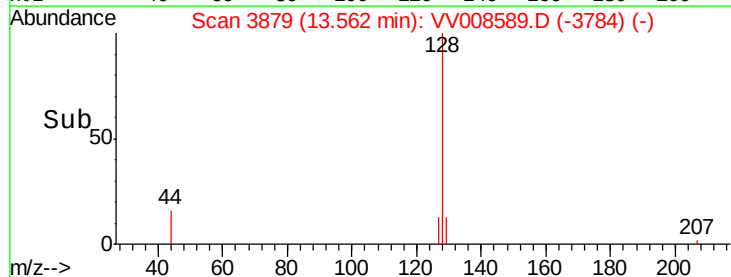
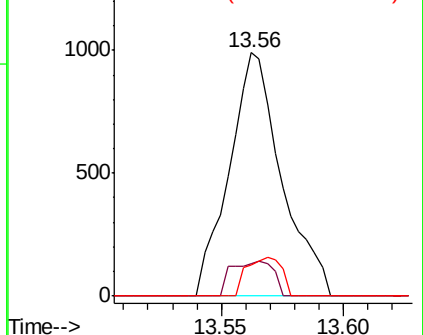
127 10.5 10.0 15.0

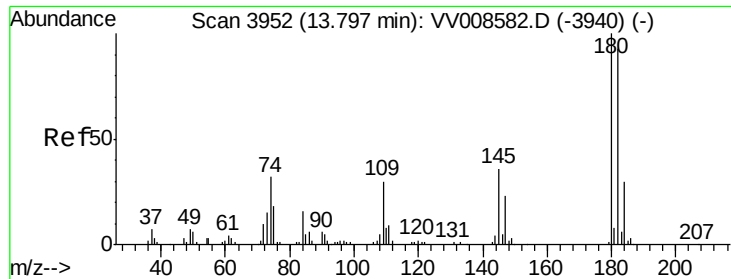


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 0.055 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. 0.00 min
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 Acq: 16 Nov 2018 18:45

Instrument :
 MSVOA_V
 ClientSampleId :
 COL26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.0	114.0
145	19.4	28.2	42.2

